

Figure 1

FRESHLOC		DRAWN: 15443 KNOLL TRAIL DRIVE SUITE 100 DALLAS, TX 75248	checked	A Stell
TITLE:		FRESHSYNC LOGGER		
SIZE: B		BLOCK DIAGRAM		
DATE:	04/10/2002	SHEET	1	OF 1
A				

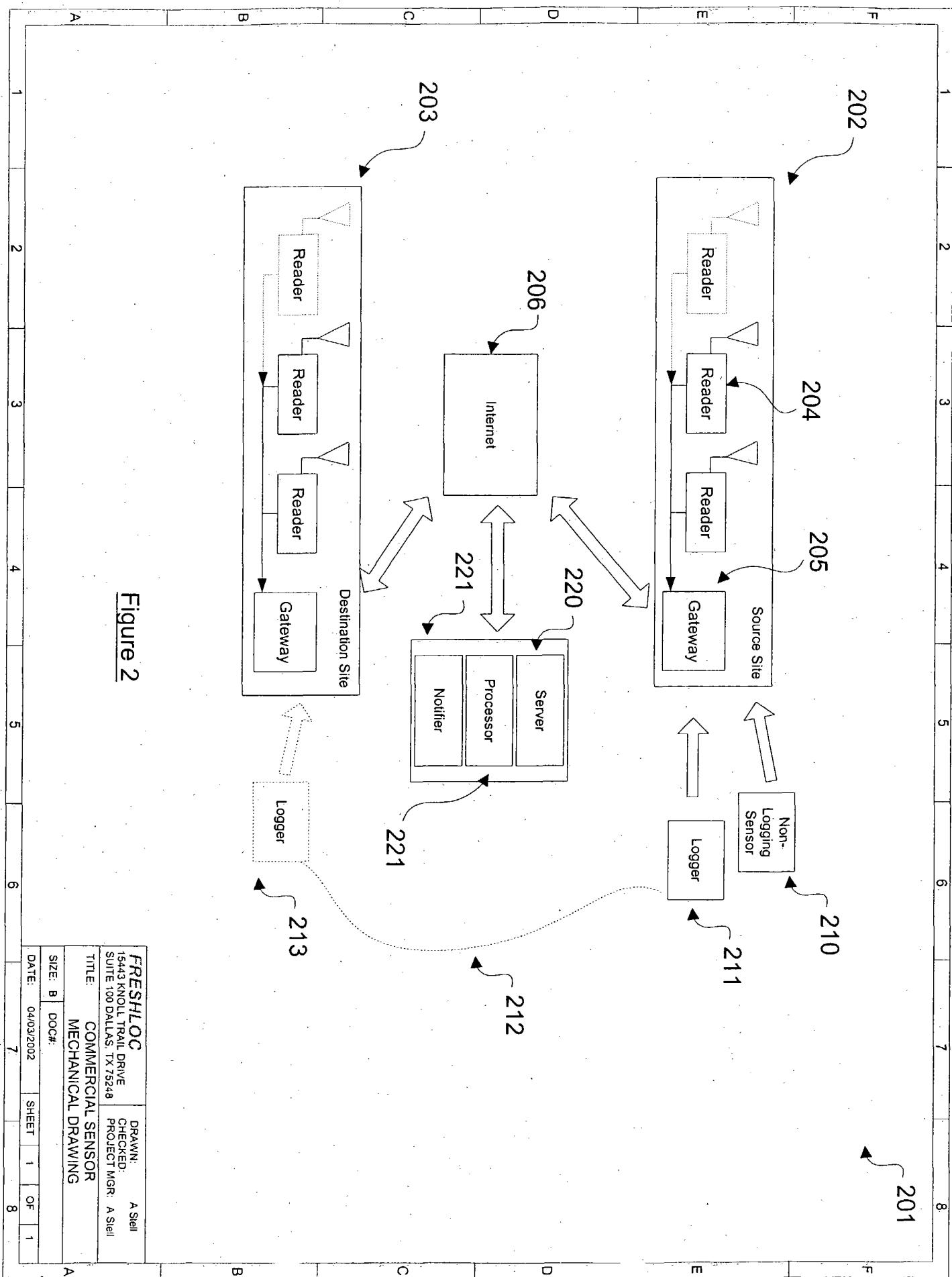


Figure 2

FRESHLOC		DRAWN: CHECKED: PROJECT MGR: A Stell
15443 KNOTT TRAIL DRIVE SUITE 100 DALLAS, TX 75248		A Stell
TITLE: COMMERCIAL SENSOR MECHANICAL DRAWING		
SIZE: B	DOC#:	
DATE: 04/03/2002	SHEET 1 OF 1	
7		
8		

1 2 3 4 5 6 7 8

A B C D E F

sequence char

message type

Reader ID

time stamp

Message size

data

signal strength

sequence char	message type	Reader ID	time stamp	Message size	data	signal strength
V	3F27	38A3D5	G	3516	56	'V' indicates verification packet
T	3F27	38A5CF	G	04AA	57	'T' indicates data packet
S	3F27	38A7C7	E	0217	56	2 bytes in ID indicates this is a standard (non-logging) sensor
S	3F27	38A9BA	E	010F	56	
V	3F27	3A76AF	G	093B	61	
T	3F27	3A78E2	G	1400	63	3rd byte in ID indicates logging sensor. {03} indicates 3rd ID byte. {08} indicates 16-hour sensor. {3} indicates data between 6 and 7 hours old.
S	3F27	3A7B13	E	0383	61	
S	3F27	3A7D3F	E	0221	61	
S	3F27	3A7F6B	E	0132	62	
I	3F27	3C0000	E	0000	62	!" indicates heartbeat packet
V	3F27	3C97F4	G	0943	63	{0384} indicates logging sensor between 8 and 9 hours old.
T	3F27	3C9A26	G	1400	62	Sensor ID=H2132 -> D8a98. 9-hour temp = H1400 -> D5120/64-30 = 50 degrees F. 8-hour temp = 50 degrees + 0 = 50F.
S	3F27	3C9C56	E	0384	62	
S	3F27	3C9E82	E	0221	61	
S	3F27	3CA0AD	E	0132	62	

301

302

303

1 2 3 4 5 6 7 8

A B C D E F

FIGURE 3

FRESHLOC
15443 KNOLL TRAIL DRIVE
SUITE 100 DALLAS, TX 75248

DRAWN: A Shell
CHECKED: A Shell
PROJECT MGR: A Shell

TITLE: COMMERCIAL SENSOR
MECHANICAL DRAWING

SIZE: B DOC#: A

DATE: 04/03/2002 SHEET 1 OF 1

FIGURE 3

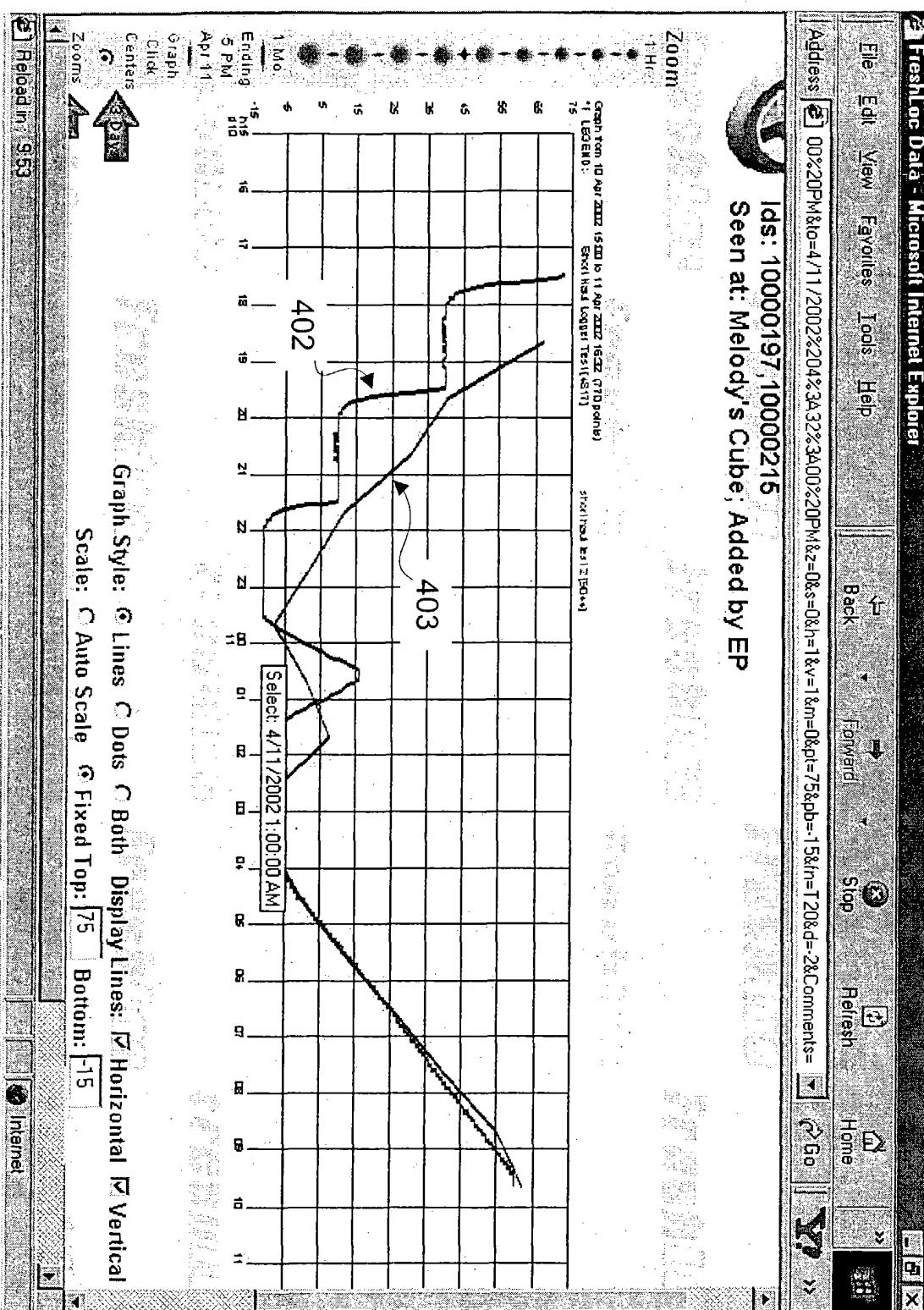


Figure 4

FRESHLOC	
15443 KROLL TRAIL DRIVE	
SUITE 100 DALLAS, TX 75248	
TITLE	DRAWN BY
	A. Stell
COMMERICAL SENSOR	CHECKED BY
	A. Stell
PROJECT MGR.	
MECHANICAL DRAWING	

1	2	3	4	5	6	7	8
A	B	C	D	E	F		
1	2	3	4	5	6	7	8

Temp Assure

Statistics Exceptions Users Strobes Receivers Logging

Strobe Id	State	Tag Name	Low	High	Delay	Logging
8308	7	Low Temp C #5	0	0	0	<input checked="" type="checkbox"/>
9008	0	<9008>	40	80	0	<input type="checkbox"/>
4817	0	<4817> 16 Hour Logger	40	80	150	<input checked="" type="checkbox"/>
5903	0	<5903>	40	80	0	<input checked="" type="checkbox"/>
7397	0	<7397>	40	80	0	<input checked="" type="checkbox"/>
7245	0	<7245>	40	80	0	<input checked="" type="checkbox"/>

Figure 5

501

FRESHLOC 15443 KNOLL TRAIL DRIVE SUITE 100 DALLAS, TX 75248	DRAWN: A Stell CHECKED: A Stell PROJECT MGR: A Stell	TITLE: COMMERCIAL SENSOR MECHANICAL DRAWING A
SIZE: B DOC#:	DATE: 04/03/2002	SHEET 1 OF 1
A	B	C
1	2	3
4	5	6
7	8	

1 2 3 4 5 6 7 8

FreshLoc Data - Microsoft Internet Explorer

File Edit View Favorites Tools Help Back Go Stop

Address: http://www.freshloc.net/TripMod.asp?Add=Y&Item=173+Truck+1

FreshLoc Add Entry

Alert

Item: Truck 13 Hardies

Field Name Value

Description: Truck 13 Hardies Trip

State: Enabled

Low: -99

High: 999

Start Date/Time: 4/15/2002 3:00:00 PM

End Date/Time: 602

Location: Hardies Dallas 4 (230)

Alert Id: 153 Pager Test

Submit **Main Menu** **Back**

Done

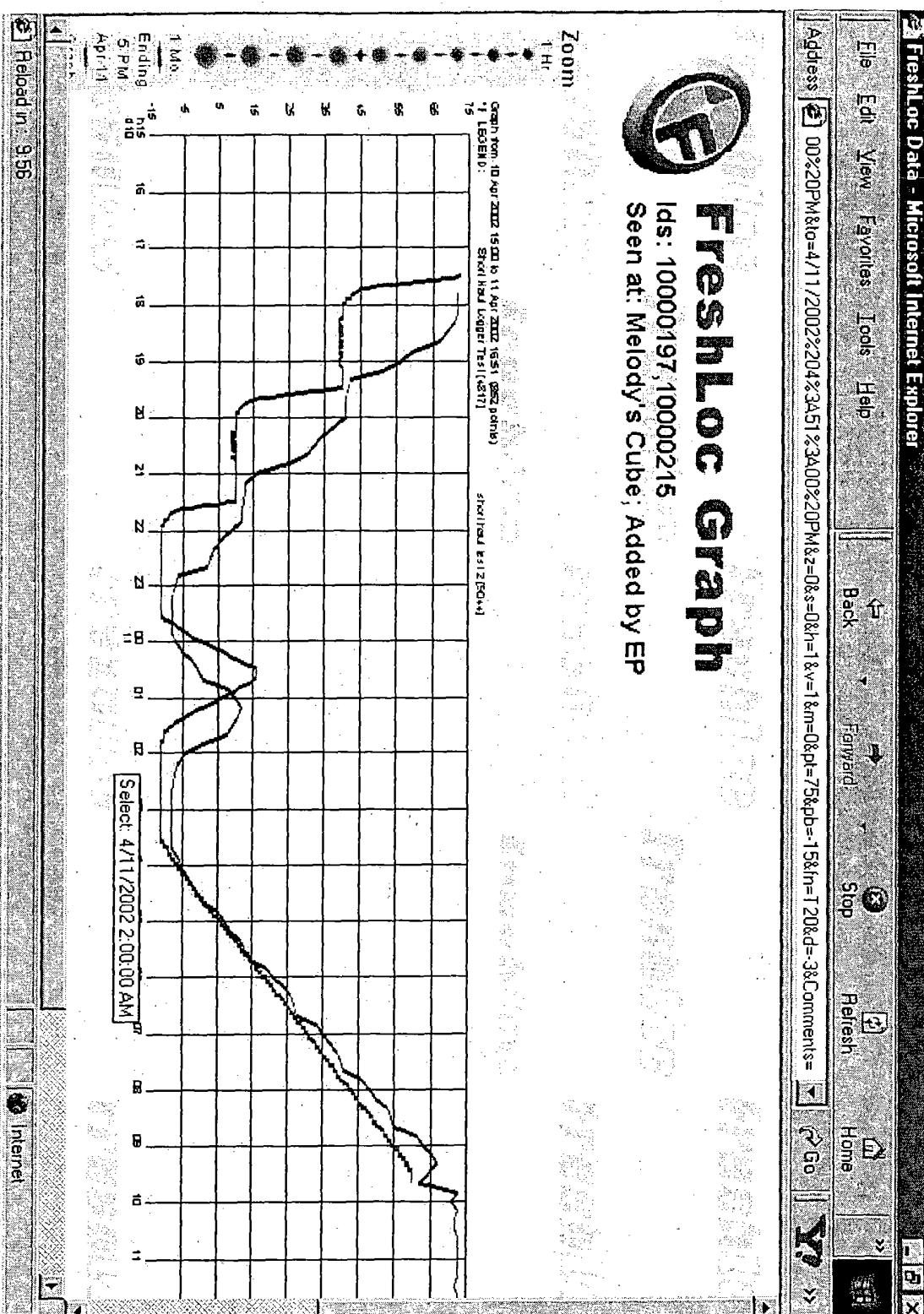
601

Figure 6

FRESHLOC
15443 KNOB TRAIL DRIVE
SUITE 100 DALLAS, TX 75248

TITLE: COMMERCIAL SENSOR
MECHANICAL DRAWING

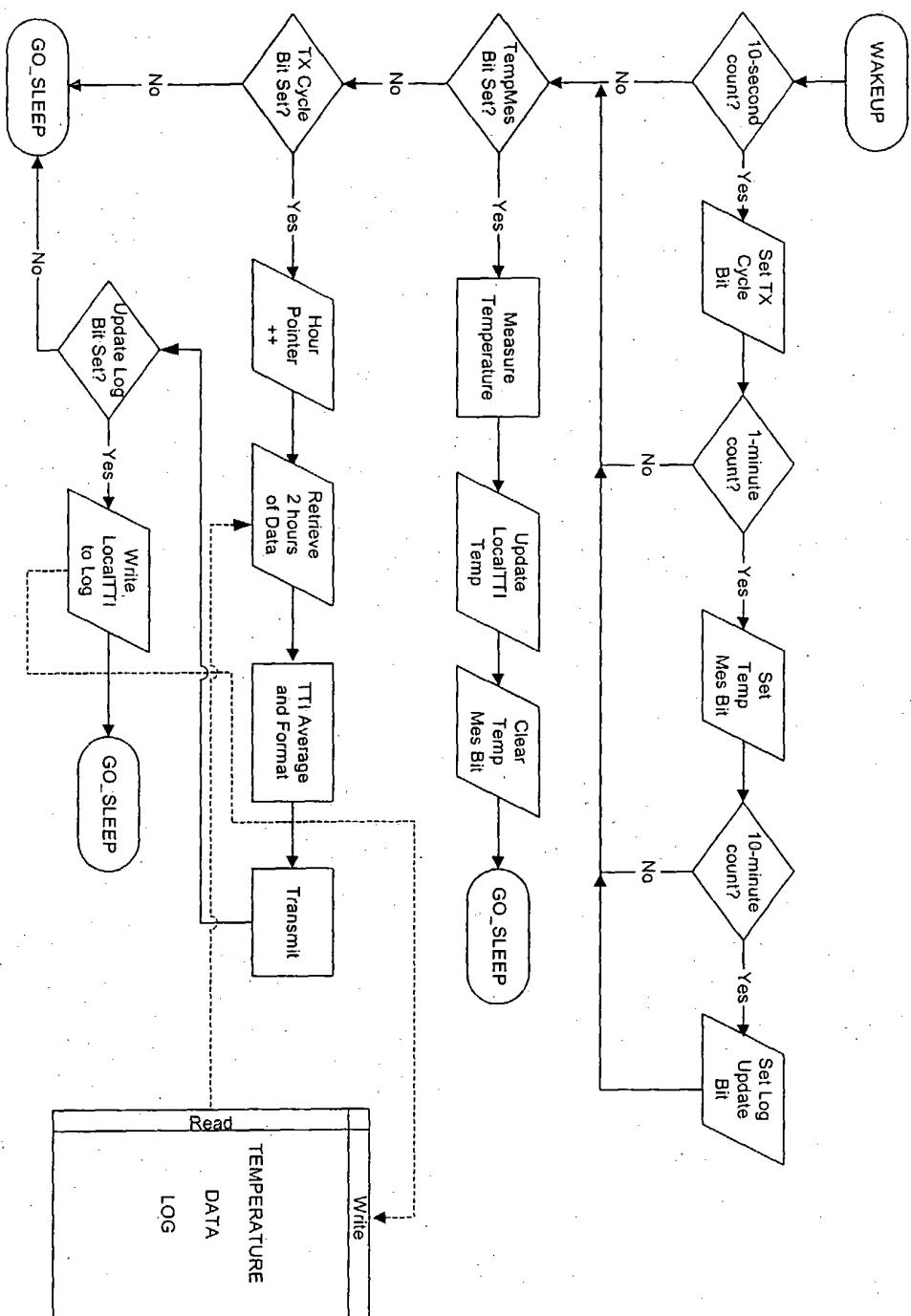
SIZE: B	DOC#:
DATE: 04/03/2002	1
1	2
3	4
5	6
7	8



After One Hour.

1 2 3 4 5 6 7 8

Sensor Flow Chart



Reader/Gateway Flow Chart

